

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1459 Alcandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 11/06/2003

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP One World Trade Center 121 S.W. Salmon Street. Suite 1600

Portland, OR 97204

EXAMINER
PYO, KEVIN K

ART UNIT PAPER NUMBER

2878

DATE MAILED: 11/06/2003

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.

O9828,301 0406/2001 Shigen Nakayama 6461-83005 6580

TITLE OF INVENTION: APPARATUS AND METIIODS FOR MEASURING SURFACE PROFILES AND WAVEFRONT ABERTATIONS, AND LENS SYSTEMS

COMPRISING SAME

| APPLN, TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1330 | \$300 | \$1630 | 02/06/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS.
THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON
PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPPE 1305.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOLASS FOR AN EXPLICATION MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

A. If the status is the same, pay the TOTAL FEE(S) DUE shows above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. Sec 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trandemark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail St p ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence appropriate. Block 1, by (a) proceedings are not recognification approach approach approach and the proceedings are correspondence address; and/or (b) indicates, approach FEE ADDRESSS* for maintenance fees indiffications.

| CURRENT CORRESPONDENCE | H ADDRESS (Note: Legibly mark-u | p with any corrections or | ruse Block I) | Note: A certificate of | f mailing can only be used t | for domestic mailings of the |
|---|--|--|---|-----------------------------------|---|---|
| | | | | Fec(s) Transmittal, T | f mailing can only be used : his certificate cannot be used hal paper, such as an assignm | for any other accompanying |
| 75 | 7590 11/06/2003 | | | | te of mailing or transmission. | |
| KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP One World Trade Center 121 S.W. Salmon Street, Suite 1600 | | | Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile unasmitted to the USPTO, on the date indicated below. | | | |
| Portland, OR 9720- | 1 | | | | | (Depositor's name) |
| | | | | | | (Signature) |
| | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INV | ENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 09/828,301 | 04/06/2001 | | Shigeru Nakaya | ıma | 4641-58305 | 6580 |
| TITLE OF INVENTION: A COMPRISING SAME | APPARATUS AND MET | HODS FOR MEAS | SURING SURFAC | E PROFILES AND W | AVEFRONT ABERRATION | IS, AND LENS SYSTEMS |
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| nonprovisional | NO | \$1330 |) | \$300 | \$1630 | 02/06/2004 |
| EXAM | INER | ART UN | пт | CLASS-SUBCLASS | 7 | |
| PYO, K | VIN K | 2878 | 2878 356-489000 | | - | |
| "Fcc Address" indication PTO/SB/47; Rev 03-02 of Number Is required. 3. ASSIGNEE NAME AND | an assigned is identified be to the USPTO or is being | tion form e of a Customer SE PRINTED ON T low, no assignce di submitted under se | firm (having as agent) and the attorneys or age will be printed. "HE PATENT (prin ata will appear on a parate cover. Comp | | attorney or 2 tered patent d, no name 3 assignee data is only appropr IT a substitute for filing an ass | iatc when an assignment has signment. |
| Please check the appropriate | assignee category or catego | ries (will not be pr | inted on the patent) | individual 🗅 | corporation or other private g | roup entity government |
| 4a. The following fee(s) are | enclosed: | 4b | . Payment of Fec(s) | k: | | |
| ☐ Issue Fee | | | A check in the a | mount of the fee(s) is cr | closed. | |
| ☐ Publication Fee | | | | dit card. Form PTO-2031 | | |
| Advance Order - # of 0 | opies | | Deposit Account N | hereby authorized by of lumber | charge the required fce(s), or (enclose an extra | credit any overpayment, to copy of this form). |
| Director for Patents is reques | ted to apply the Issue Fec a | nd Publication Fcc | (if any) or to re-app | oly any previously paid | issue fee to the application id | entified above. |
| (Authorized Signature) | | (Date) | | 1 | | |
| NOTE; The Issue Fee and Publication Fee (if required) will not be acc other than the applicant; a registered attorney or agent; or the assigne- interest as shown by the records of the United States Patent and Trademark | | cepted from anyon ce or other party i k Office. | e n | | | |
| This collection of informat obtain or retain a benefit it application. Confidentiality estimated to take 12 minut completed application for case. Any comments on suggestions for reducing the Patent and Trademark C 22313-1450, DO NOT SI SEND TO: Commissioner to | ion is required by 37 CFR yes the public which is to fi is governed by 35 U.S.C. Is to complete, including go to the USPTO. Time with a amount of time you is burden, should be sent office, U.S. Department SID FEES OR COMPLE or Patents, Alexandria, Virgot and the public of Patents, Alexandria, Virgot is the public of Patents, Alexandria, Virgot is public which is the public of Patents, Alexandria, Virgot is public which is the public of Patents, Alexandria, Virgot is public which is the public which is to be a public which is the public whic | 1.311. The informalle (and by the US 22 and 37 CFR 1.1) athering, preparing II vary depending require to complete to the Chief Information of Commerce, A TED FORMS TO ginia 22313-1450. | nation is required to PTO to process) at 4. This collection it, and submitting the upon the individuate this form and/onation Officer, U.S. lexandria, Virginio THIS ADDRESS | on ns e e i r | | |
| Under the Paperwork Rec collection of information ur | juction Act of 1995, no t | versons are require | ed to respond to | B | | |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Dos. 1459 Alexandria, Virginia 22313-1459

DATE MAILED: 11/06/2003

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| 1 | 590 11/06/2003 | | EXAM | INER | |
| KLARQUIST SPARKMAN CAMPBELL | | | PYO, K | PYO, KEVIN K | |
| LEIGH & WHINS | STON, LLP | | | | |
| One World Trade Center | | | ART UNIT | PAPER NUMBER | |
| 121 S.W. Salmon Street, Suite 1600 | | | 2878 | | |
| Portland, OR 9726 | 14 | | | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 167 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 167 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8287.



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| 7590 11/06/2003 | | | EXAMINER | | |
| KLARQUIST SPARKMAN CAMPBELL | | | PYO, KI | PYO, KEVIN K | |
| LEIGH & WHINSTON, LLP One World Trade Center | | | ART UNIT | PAPER NUMBER | |
| 121 S.W. Salmon Street, Suite 1600 Portland, OR 97204 | | | 2878 | | |
| | | | DATE MAILED: 11/06/2003 | | |

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure. Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

| (a) Issue fee for issuing each original or rei | ccue natent |
|--|--------------|
| except a design or plant patent: | ssue patent, |
| By a small entity (Sec. 1.27(a)) | \$665.00 |
| By other than a small entity | \$1,330.00 |
| (b) Issue fee for issuing a design patent: | |
| By a small entity (Sec. 1.27(a)) | \$240.00 |
| By other than a small entity | \$480.00 |
| (c) Issue fee for issuing a plant patent: | |
| By a small entity (Sec. 1.27(a)) | \$320.00 |

By other than a small entity......\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.